

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Express Mail Label No.: EL569251483US

Date of Deposit: June 12, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Paterns, Washington, D.C. 20231.

Tamara Alcaraz

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Nahum SONENBERG et al.

Serial No.: 09

09/973,473

Filing Date:

October 9, 2001

For:

NON-HUMAN TRANSGENIC ANIMAL

WHOSE GERM CELLS AND SOMATIC CELLS CONTAIN A KNOCKOUT

MUTATION IN DNA ENCODING 4E-

BP1

Examiner: To Be Assigned

Group Art Unit: 1614

COMMUNICATION

Box Missing Parts Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

This Communication accompanies the response to Notice to File Missing Parts of Nonprovisional Application. Please find enclosed authorization to charge Deposit Account No. 03-1925 the amount of \$1715, including extension fee. The Notice to File Missing Parts of Nonprovisional Application states the amount due as \$918, excluding the extension fee. We calculate the amount due as \$735, excluding the extension fee. The amount of \$735 was derived by taking into account the preliminary amendment submitted with the application filing on October 9, 2001, in which the number of claims was reduced.

that our Fee Determination Record did not reflect the correct number of claims as filed.

Please take this Communication into consideration when processing the fees due.

Respectfully submitted,

Dated:

June 12, 2002

By:

Registration No. (32,430)

Morrison & Foerster LLP

755 Page Mill Road Palo Alto, California 94304-1018

Telephone: (650) 813-5711 Facsimile: (650) 494-0792

PTO/SB/17 (09-00)

Approved for use through 10/31/2002. OMB 0651-0032

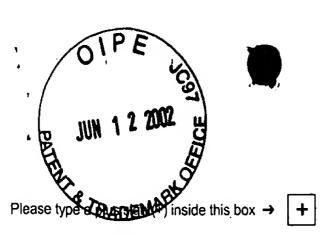
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Complete if Known			
FEE TRANSMITTAL	Application Number	09/973,473		
OIPE FOR FY 2002	Filing Date	October 9, 2001		
	First Named Inventor	Nahum SONENBERG		
JUN 1 2 2002 H	Examiner Name	To Be Assigned		
atent fees are subject to annual revision.	Group Art Unit	1614		
TOTAL AMOUNT OF PAYMENT	(\$)1715	Attorney Docket No.	514012000400	

## THOLOUP PAYMENTS The Commissioner is hereby subtorized to charge indicated face and credit any overpayments to: Payment Enclosed:	TOTAL AMOUNT OF PAYMENT					(\$)1713 Allottiey bockerno.								
The Commissioner is horeby authorized to charge indicated fees and credit arry overpayments to:	METHOD OF PAYMENT					FEE CALCULATION (continued)								
Care Code	The Commissioner is hereby authorized to charge indicated				3. ADI	3. ADDITIONAL FEES								
County Morrison & Foerster LIP	Deposit Account	and credit a	any overpa	ayments	s to:		Fee	Fee	Fee	Fee	Fee Desci	ription		Fee Paid
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17		Morris	on & Foe	erster Li	LP		105	130	205	65	Surcharge -	late filing fee o	r oath	65
Applicant claims small entity status. See 37 CFR 1.27 139 130 139 130 139 130 139 130 139 130 139 130 139 130 13	Name		in al Foo P	oguired I	Under 37 CFR	1.16 and 1.17	.		227	25	Surcharge - fee or cover	late provisiona sheet	l filing	
Payment Enclosed:	Charge Any Additional Fee Required Office 37 OF N 170 data				139	130	139	130			ŀ			
Check Credit Card Money Order Other 112 920" 112 920" 1	_			147	2,520	147	2,520	reexaminati	ion					
SASIC FILING FEE				□ Mo	oney Order	☐ Other	112	920*	112	920*	to Examine	r action		
BASIC FILING FEE							113	1,840*	113	1,840*	Examiner a	action		
Large Enthy Small Fee Fee							115	110	215	55				
117 920 217 490 month mont	. BASIC FI	Ling Fee					1	400	216	200	month			
101 740 201 370 Utility filing fee 370 118 1,440 218 720 228 980 228 980 229 160 240 265 270 270 255 261 270 270 255 270	•		Fee	y Fee	Description	Enn	117	920	217	460	month			
101	. ••						118	1,440			month			980
106 330 206 165 Design filing fee 170 320 220 160 17	404	740 20	1 370	Uti	ility filing fee	370	128						mun monus	300
107 510 207 255 Plant filling fee 121 280 221 140 Request for oral hearing Petition to institute a public use proceeding 121 280 221 140 Request for oral hearing Petition to institute a public use proceeding 138 1,510 138 1,51					-		119						an appeal	
108 740 208 370 Reissue filing fee 141 160 214 80 Provisional filing fee 141 160 214 80 Provisional filing fee 141 1,280 241 640 Petition to institute a public use proceeding petition to revive - unavoidable Petition to revive - unintentional 142 1,280 242 640 141 1,280 241 640 Petition to revive - unintentional 142 1,280 242 640 141 1,280 243 230 Design issue fee 144 620 244 310 Provisional specifications 144 620 244 310 Provisional specifications 145	, • •		•		•		120	320					an appear	
114 160 214 80 Provisional filing fee		•			•		121	280	221	140			ic use	
SUBTOTAL (1) (5)370	,,,,				_		138	,			proceedin	g		
SUBTOTAL (1) Si370					_									
Extra CLAIM FEES				SUBTO	OTAL (1) (370	1							
Total Claims below Fee Paid 14,3	2. EXTRA	CLAIM FE			Fac from			, i			Design is:	sue fee		1
Total Claims 30 - 20 - 5		0511	Claim	IS	below						Plant issu	e fee		
Multiple Dependent Submission of Information 123 50 123 50 123 50 50 50 50 50 50 50 5	TOTAL CITATION				•		122	130	122	130	Petitions	of the Commiss	ioner	l
Multiple Dependent Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe	Claims		= 5	x	42		1		123	50			sional	
Large Fee Fee Fee Fee Fee Fee Fee Food (\$) Fee Description 103 18 203 9 Claims in excess of 20 146 740 246 370 rejection (37 CFR § 1.129(a)) 102 84 202 42 Independent claims in excess of 3 149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b)) 104 280 204 140 Multiple dependent claims, if not paid 179 740 279 370 Request for Continued Examination (RCE) 109 84 209 42 "Reissue independent claims over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reduced by Basic Filing Fee Paid Submitted Submitted Fee Paid Submoth. (§\$)1045 ** or number previously paid, if greater; For reissues, see above. SUBMITTED BY Name (Print/Type) Gladys H. Monroy Gladys H. Monroy Fee Description 146 740 246 370 For each additional invention to be examined (37 CFR § 1.129(b)) For each additional invention to be examined (37 CFR § 1.129(b)) Request for continued Examination of a design application Other fee (specify) **Reduced by Basic Filing Fee Paid Submoth. (§\$)1045 **Complete (if applicable)	Multiple Depe	ndent			,	••	126	180	126	180	Submissi Disclosur	on of Information e Stmt		
Filing a submission after final rejection (37 CFR § 1.129(a)) 102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claims, if not paid 179 740 279 370 Request for Continued Examination (RCE) 109 84 209 42 "Reissue Independent claims over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reissue claims in excess of 20 and over original patent "Reduced by Basic Filing Fee Paid Subtotal (3) (\$)1045 ** or number previously paid, if greater; For reissues, see above. **Complete (if applicable) **Reduced by Basic Filing Fee Paid Subtotal (650) 813-5711 **Reduced by Basic Filing Fee Paid Subtotal (650) 813-5711 **Complete (if applicable)		Fee F	ee F	ee	Fee Description		581	40	581	40	per prope propertie	erties (times nu s)	mber of	
103 18 203 9 Claims in excess of 20 104 280 204 140 Multiple dependent claims, if not paid 109 84 209 42 "Reissue independent claims over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent 110 18 210 9 "Reduced by Basic Filing Fee Paid Subtract (37 CFR § 1.129(a)) 109 84 209 42 Independent claims, if not paid 179 740 279 370 Request for Continued Examination (RCE) 110 18 210 9 "Reissue claims in excess of 20 and over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent 110 18 210 9 "Reduced by Basic Filing Fee Paid Subtract (3) (\$)1045 ** or number previously paid, if greater; For reissues, see above. SUBMITTED BY Name (Print/Type) Gladys H. Monroy Registration No. (Attorney/Agent) 32,430 Telephone (650) 813-5711		(4)			At the Leaves	a of 20	146	740	246	370	rejection		final	
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claims, if not paid 109 84 209 42 "Reissue Independent claims over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)300 "To rumber previously paid, if greater; For relssues, see above. SUBMITTED BY Name (Print/Type) Gladys H. Monroy Independent claims in excess of 3 179 740 279 370 Request for Continued Examination (RCE) Request for expedited examination of a design application Other fee (specify) "Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)1045 Telephone (650) 813-5711 Attorney/Agent)	103	18 2	03 9	•						370	For each	additional inve	ention to be	
104 280 204 140 Multiple dependent claims, if not paid 109 84 209 42 "Reissue Independent claims over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent SUBTOTAL (2) (\$)300 *Reduced by Basic Filing Fee Paid SUBMITTED BY Name (Print/Type) Gladys H. Monroy Gladys H. Monroy Request for expedited examination of a design application 169 900 169 900 Request for expedited examination of a design application *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)1045 *Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Onto	102	84 2	202 4	42							Request	for Continued I	Examination	<u> </u>
110 18 210 9 "Reissue claims in excess of 20 and over original patent" SUBTOTAL (2) (\$)300 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)1045 **Or number previously paid, if greater; For relssues, see above. SUBMITTED BY Name (Print/Type) Gladys H. Monroy (Attorney/Agent) Registration No. (Attorney/Agent) Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)1045 **Complete (if applicable) Complete (if applicable)	104	280 2	204	140							Request		examination	
SUBTOTAL (2) (\$)300 ** or number previously paid, if greater; For relssues, see above. SUBMITTED BY Name (Print/Type) Gladys H. Monroy Other fee (specify) *Reduced by Basic Filing Fee Paid Complete (if applicable) Registration No. (Attorney/Agent) Other fee (specify) *Reduced by Basic Filing Fee Paid Complete (if applicable) Complete (if applicable) Other fee (specify) *Reduced by Basic Filing Fee Paid Complete (if applicable) Other fee (specify) *Reduced by Basic Filing Fee Paid Other fee (specify) *Reduced by Basic Filing Fee Paid Other fee (specify) *Reduced by Basic Filing Fee Paid Other fee (specify) *Other fee (specify) *Other fee (specify) *Reduced by Basic Filing Fee Paid Other fee (specify) *Other fee (specify) *Other fee (specify) *Other fee (specify) *Other fee (specify)	109	•			original patent		i i	300	100	***	of a desi	igii appiication		
*Reduced by Basic Filing Fee Paid SUBTOTAL (3) [19/1040] *Reduced by Basic Filing Fee Paid Complete (if applicable) Complete (if applicable) *Registration No. (Attorney/Agent) 32,430 Telephone (650) 813-5711	110	18	210	9	over original pa	tent		er fee (specify)					
SUBMITTED BY Name (Print/Type) Gladys H. Monroy Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Octo. Iuno 12, 2002					•Re	duced by Basi	ic Filing Fee	e Paid		SUBTOTAL	L (3)	(\$)1045		
Name (Print/Type) Gladys H. Monroy Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent) Registration No. (Attorney/Agent)	<u> </u>		paid, if gre	aler, FUI	. 101330631 300		<u></u>					Complete (if a	1	
Data hung 12 2002			GI	adys F	I. Monroy			•		32,430		Telephone	(650) 8	13-5711
Signature Hade Kinney	W. C. N. M.						<u> </u>				Date	June 1	2, 2002	

WARNING: Information on this form may become public. Credit card information should no be included on this form. Provide credit card information and authorization on PTO-2038.



TRANSMITTAL

06-14-00

PTO/SB/21 (08-00)

Approved for use through 10/31/02. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

October 9, 2001

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Application Number 09/973,473

Filing Date

~								
FC	DRM	First Named Inventor	Nahum SONENBERG					
		Group Art Unit	1614					
(to be used for all corre	spondence after initial filing)	Examiner Name	To Be Assigned					
Total Number Of Pages In Th	nis Submission 12	Attorney Docket No.	514012000400					
ENCLOSURES (check all that apply)								
Fee Transmittal Fo	nrm — in allalicate — i	ssignment Papers or an Application)	After Allowance Group	Communication to				
Fee Attached		rawing(s)	Appeal Commu	unication to Board of terferences				
Amendment / Reply	, <u> </u>	censing-related Papers	Appeal Commu (Appeal Notice, B	unication to Group Brief, Reply Brief)				
After Final	P	etition	Proprietary Info	ormation				
Affidavits/de	aciarations i i	etition to Convert to a rovisional Application	Status Letter					
Extension of Time	Request X R	ower of Attorney 2 pages, evocation Change of orrespondence Address	Other Enclosu	re(s) (please identify				
Express Abandonm	nent Request	erminal Disclaimer equest for Refund	Declaration (2 pa Statement under Communication	r 37 CFR 3.73(b) (2 pages)				
Information Disclos		D, Number of CD(s)	Return receipt p	ostcard				
Certified Copy of Pr	riority Document(s) Remarks							
Response to Miss Incomplete Application				:				
under 37 CF	o Missing Parts FR 1.52 or 1.53 – otice attached							
SIGNATURE OF APPLICANT, ATTORNEY OR AGENT								
Firm	Morrison & Foerster LLP, 755 Pa	ige Mill Road, Palo Alto, California	94304-1018					
or Individual Name	Gladys H. Monroy (32,430)							
Signature Klady		may						
Date	June 12, 2002	O						
CERTIFICATE OF MAILING BY "EXPRESS MAIL"								

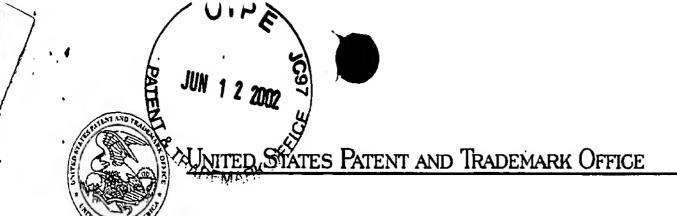
Express Mail Label No.: EL569251483US

Date of Deposit: June 12, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the feeds of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Tamara Alcaraz



COMMISSIONER FOR PATENTS UNITED STATES PATENT AND TRADEMARK OFFICE

			www.uspto.gov
APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
		·	

09/973,473

10/09/2001

Nahum Sonenberg

514012000400

WASHINGTON, D.C. 20231

25226 MORRISON & FOERSTER LLP 755 PAGE MILL RD PALO ALTO, CA 94304-1018

CONFIRMATION NO. 5331 FORMALITIES LETTER *OC000000007063028*

Date Mailed: 11/14/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing. Applicant must submit \$ 370 to complete the basic filing fee for a small entity.
- Total additional claim fee(s) for this application is \$483.
 - \$189 for 21 total claims over 20.
 - \$294 for 7 independent claims over 3.
- The oath or declaration is missing. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(I) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 918.

07/08/2002 HTEKLEMI 00000004 031952 09973473

01 FC:202 84.00 CH 02 FC:203 99.00 CH

A copy of this notice MUST be returned with the reply.

09973473 00000013 031952 06/19/2002 NBERHE 370.00 CH 01 FC:201 65.00 CH 02 FC:205

Customer Service Center

Initial Patent Examination Division (703) 308-1202

03 FC:203

90.00 CH 210.00 CH

PART 2 - COPY TO BE RETURNED WITH RESPONSE